GENERAL COUNSEL

MSC 3UGC
New Mexico State University
P.O. Box 30001
Las Cruces, NM 88003-8001

Telephone: (505) 646-2446
Fax: (505) 646-3012

August 24, 2005

Harry R. Steinmetz (3HS62)
U.S. Environmental Protection Agency, Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

Re: Safety Light Corporation Site
Bloomsburg, Pennsylvania

Dear Mr. Steinmetz:

In response to your letter dated July 21, 2005 regarding the above captioned matter, please accept this correspondence as New Mexico State University's response to the questions raised in your letter. The answers are presented in accordance to the instructions and refer by number to the particular question being answered. If a number is not represented, it is because that particular question is not applicable to New Mexico State University.

1. New Mexico State University has not been able to locate any documentation that shows or establishes a business relationship with any of the companies identified in the July 21, 2005 letter. The institutions license from the U. S. Atomic Energy Commission dated September 3, 1964 does identify a sample of Polonium 210 as being purchased by New Mexico State University from U. S. Radium Corp. (A copy of the license is enclosed.)

2. New Mexico State University never transported and/or brokered hazardous substances and/or radioactive waste or other wastes to any of the companies identified in the July 21, 2005 letter.

4. New Mexico State University never generated radioactive wastes or other wastes that were disposed of or reclaimed by any of the companies or locations set forth in the July 21, 2005 letter.

6. There is no one else able to provide any more detailed information to the questions contained the July 21, 2005 letter.

7. No one else has documentation that would be responsive to the Information Request.

8. New Mexico State University is unaware of any other party who would have information that may assist the Agency in its investigation.

I trust this information complies with your request. In the event you have any questions or wish to discuss this matter further, please do not hesitate to contact me.

Sincerely,

Bruce R. Kite
General Counsel

BRK:le
Enclosure

cc: Katrina Doolittle Ph.D

FORM AEC-374 (12-57)

# U. S. ATOMIC ENERGY COMMISSION



## BYPRODUCT MATERIAL LICENSE

AMENDMENT NO. 8 30-3005-2

CORRECTED COPY Ent. (H66)

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Part 3 Licensing of Byproduct Material, and in reliance on statements and representations heretofore made by t licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and i port byproduct material listed below; and to use such byproduct material for the purpose(s) and at the place designated below. This license shall be deemed to contain the conditions specified in Section 183 of the Atom Energy Act of 1954, and is subject to all applicable rules, regulations, and orders of the Atomic Energy Co mission now or hereafter in effect and to any conditions specified below.

This Copy is For Your Files

| Licensee | |
|---|---|
| 1. Name New Mexico State University<br>Department of Chemistry | In accordance with application received July 8, 1964, |
| 2. Address University Park, New Mexico | 3. License number 30-3005-2 is amended in its entirety to read as follows |
| | 4. Expiration date<br>August 31, 1966 |
| | 5. Reference No.<br>30-3005-1 |

| 6. Byproduct material (element and mass number) | 7. Chemical and/or physical form | 8. Maximum amount of radioactivity which licensee may possess at any one time |
|---|---|---|
| (See Page 2) | (See Page 2) | (See Page 2) |

9. Authorized use

(See Page 2)

## CONDITIONS

10. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.

11. Byproduct material may only be used in the Chemistry Building, Physics Building, Resear Center Building, and Agriculture Building of New Mexico State University, University Park, New Mexico.
12. The licensee shall comply with the provisions of Title 10, Part 20, Code of Federal Regulations, Chapter 1, "Standards for Protection Against Radiation."
13. Byproduct material shall be used by, or under the supervision of, Dr. Albert E. Richardson or Dr. Robert Rowan, Jr. Byproduct materials listed as Subitems F and G may also be used by, or under the supervision of, Dr. Ralph William Dressel.
14. Byproduct materials shall not be used in or on human beings.
15. Sealed sources containing byproduct material shall not be opened by the licensee.
16. Each sealed source of licensed material designated in Subitems 6E, 7E, and 8E used outside of a shielded exposure device shall have a durable, legible, and visible tag permanently attached by a durable ring. The tag shall be at least one (1) inch square, shall bear a conventional radiation symbol prescribed in Section 20.203(a) of Part 20, and a minimum of the following instructions: DANGER RADIOACTIVE MATERIAL, DO NOT HANDLE, NOTIFY CIVIL AUTHORITIES IF FOUND.

3

For the U. S. Atomic Energy Commission

John E. Lawyer

Isotopes Branch

by Division of Materials Licensing

Division of Licensing and Regulation
Washington 25, D. C.

Date SEP 3 1964

3

MATERIAL LICENSE

Supplementary Sheet

Continued From Page 1

CORRECTED COPY

License Number 30-3005-2 (H66)

AMENDMENT NO. 8

| 6. Byproduct material (element and mass number) | 7. Chemical and/or physical form | 8. Maximum amount of radioactivity which licensee may possess at any one time |
|---|---|---|
| A. Carbon 14 | A. Any | A. 2 millicuries |
| B. Strontium 90 Yttrium 90 | B. Any | B. 1 millicurie |
| C. Phosphorus 32 | C. Any | C. 1 millicurie |
| D. Polonium 210 | D. Sealed Source (U. S. Radium Corp., Model LAB 456-2) | D. 1 millicurie |
| E. Cobalt 60 | E. Office of Civil and Defense Mobilization Model CD V-786 or CD V-784 Sealed Source Set | E. One set 30 millicuries total |
| F. Krypton 85 | F. Sealed Source (Sealed in Leesona Moos Labs. Model 1000 Krypton 85 Nuclear Battery) | F. 5 sources of 750 millicuries each |
| G. Americium 241 | G. Any | G. 1 millicurie |
| H. Strontium 90 | H. Sealed Source (U. S. Radium Corp., Model LAB 369) | H. 1 source of 20 millicuries |
| I. Hydrogen 3 | I. Radiation Research Co., Model T-1 foils | I. 2 sources of 100 millicuries each. |
| | | Total - 200 millicuries |

9. Authorized Use:

A. To be used in organic reaction mechanism studies and in experiments in a nuclear chemistry course.
B. and C. To be used in experiments in a nuclear chemistry course.
D. To be used for direct density measurement of upper atmosphere gases.
E. To be used for training participants in a National Science Foundation Summer Institute, for training instrument operators, and for instrument calibration purposes.
F. For use in experimental and instructional electronic circuits.
G. Sources for investigation of recoil particles.
H. Used in Jarrell Ash Co, Model 28-752 detector cell for Model 26-700 gas chromatograph.
I. Used in Jarrell Ash Co, Model 26-755 and Model 28-750 detector cells for Model 28-730 gas chromatograph.

Date

For the U. S. Atomic Energy Commission

Isotopes Branch

by Division of Materials Licensing

Division of Licensing and Regulation
Washington 25, D. C.

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**LAS CRUCES** **NM 88003-8001**

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TELEPHONE

HARRY R. STEINMETZ (3HS62)
U.S. EPA - Region 3
1650 ARCH STREET
PHILADELPHIA PA 19103-2029

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Content

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Please associate with unsigned letter

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General Counsel
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Las Cruces, New Mexico 88003-8001

100754

Harry R. Steinmetz (3HS62)
U.S. Environmental Protection Agency, Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

RETURN SERVICE REQUESTED

1 19103 ERRORMP